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**ENGLISH ABSTRACT**

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**Title****METHOD OF TRANSMISSION OF DATA PACKS IN GENERAL- PURPOSE COMMUNICATION CHANNEL AND CONTROL DEVICE**

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**ABSTRACT:**

**FIELD:** communication, applicable in radio communication networks with pack switching. **SUBSTANCE:** after check-out of condition of general-purpose communication channel data pack priority pulses are

formed at duration  $\Delta_{T_{jl}}$ , where  $l \in \{1, 2, \dots, L\}$ , 1 number of data pack priority, L-number of the lowest data pack priority, and j-number of pack radio communication installation,  $\Delta_{T_{j1}} > \Delta_{T_{j2}} > \Delta_{T_{jl}}$  and  $0 < T_{jl} < T_c$ , where  $T$ -duration of operating cycle of communication channel, at the same time a random pulse with a duration of  $\Delta_{t_c}$  is generated with equiprobable law of its distribution in time interval  $[0, T]$ , and if condition  $\Delta_{t_c} \in [0, T]$  is fulfilled, an enabling signal is generated, otherwise the actions in formation of enabling signal are repeated in the next clock of operation of communication channel. **EFFECT:** enhanced capacity of general-purpose communication channel at transmission of data packs with different categories of urgency in conditions of high information load. 4 cl, 14 dwg